

5/15/01
U.S. PTO

S-17-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

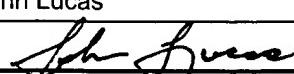
1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration [Total Pages]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)of prior application No. 09 / 438,016Prior application information: Examiner Young J. KimGroup Art Unit: 1631

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		000027206 <i>(Insert Customer No. or Attach bar code label here)</i>		or	<input checked="" type="checkbox"/> Correspondence address below	
Name		John Lucas, Ph.D., J.D.				
Address		Genset Corporation 10665 Sorrento Valley Road				
City		San Diego		State	CA	Zip Code
Country				Telephone	(858) 597-2600	Fax
Name (Print/Type)		John Lucas		Registration No. (Attorney/Agent)		43,373
Signature				Date		14 May 01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 710.00)

Cmpl t if Known	
Application Number	
Filing Date	May 14, 2001
First Named Inventor	Nicholas Schork, et al.
Examiner Name	Y. Kim
Group Art Unit	1631
Attorney Docket No.	55.US4.DIV

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	50-1181
Deposit Account Name	GENSET CORPORATION

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Paid
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	710	246	355
149	710	249	355
179	710	279	355
169	900	169	900
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$ 0.00)

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
SUBTOTAL (1) (\$ 710.00)			

2. EXTRA CLAIM FEES

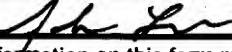
Total Claims	Extra Claims	Fee from below	Fee Paid
1	-20** =	0 X	= 0
1	- 3** =	0 X	= 0
Multiple Dependent			= 0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203
102	80	202
104	270	204
109	80	209
110	18	210
SUBTOTAL (2) (\$ 0.00)		

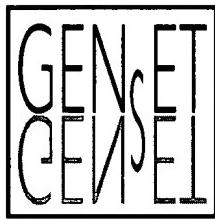
**or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY	Express Mail Label No. EL821903728US	Complete (if applicable)		
Name (Print/Type)	John Lucas	Registration No. (Attorney/Agent)	43,373	Telephone 858/597-2600
Signature		Date	14 May 01	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Direct Dial: (858) 597-2610
E-Mail: john.lucas@genxy.com

May 14, 2001

Express Mail Label No. EL821903728US

Assistant Commissioner for Patents
Box: Patent Application
Washington, D.C. 20231

RE: U.S. Divisional Patent Application
For: **METHODS, SOFTWARE AND APPARATI FOR IDENTIFYING GENOMIC REGIONS
HARBORING A GENE ASSOCIATED WITH A DETECTABLE TRAIT**
Inventors: **Nicholas Schork, Laurent Essioux, Annick Cohen-Akenine, Marta
Blumenfeld**
Our Ref.: 55.US4.DIV

Dear Sir:

Enclosed please find the above-identified divisional application for filing with the United States Patent and Trademark Office. The following documents are transmitted herewith:

		<u>Quantity</u>
1)	Specification, Claims and Abstract	97 pages
2)	Application Data Sheet	2 pages
3)	Utility Patent Application Transmittal, Fee Transmittal for FY 2001	2 sheets
4)	Drawings (Figures 1-25)	31 sheets
5)	Preliminary Amendment	5 pages
6)	Check in the amount of \$710.00 for the filing fee	
7)	Two Copies of the Sequence Listing on CD-ROM	2 CD-ROMs
8)	Sequence Submission Statement (and duplicate)	2 sheets
	Return Receipt Postcard	

The Commissioner is hereby authorized to charge any additional fees, or credit any overpayment in the processing of these documents to our Deposit Account No. 50-1181.

Very truly yours,

GENSET CORPORATION

John Lucas, Ph.D., J.D.
Reg. No. 43,373

JL/cmm
Enclosures
cc: Helene Sarraseca (w/encls.)

Certificate of Mailing under 37 CFR 1.10

Express Mail Label No.: EL821903728US Date of Deposit: May 14, 2001
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the Date of Deposit shown above, postage prepaid and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Signature

Typed or Printed Name of Person Signing Certificate